The Indiana Department of Administration (IDOA) is seeking an experienced partner to provide telemetry equipment, real time data collection and control, data analysis and reporting to help the State of Indiana improve operational efficiency and reduce fleet costs. IDOA is pursuing the implementation of telematics equipment on approximately 9,000 state fleet vehicles ranging from light duty passenger vehicles to heavy duty trucks and equipment.

IDOA seeks to achieve the following objectives through the implementation of a telematics program:

1. Improve operator safety through tracking and analysis of driver behavior
2. Collect real-time data necessary to support cost saving initiatives and optimize fleet size
3. Reduce idle time to increase fuel economy and reduce mechanical wear
4. Improve identification of mechanical issues to reduce labor hours and vehicles down time
5. Increase visibility of state fleet vehicle utilization
6. Achieve a ROI that at a minimum sustains the use of a telematics program

The selected vendor shall provide all equipment, service and labor to collect the data necessary to assess the current conditions associated with each of the objectives listed above.

IDOA - TELEMATICS PROGRAM AND SERVICE REQUIREMENTS:

Equipment Requirements

1. Provides compatibility with a wide variety of light to heavy duty vehicles and equipment
2. Provides a minimal amount of hardware connectors
3. Provides that all cellular and GPS antennas are internal to the unit
4. Provides both vehicle diagnostic and power capabilities
5. Provides long lasting battery power for unpowered assets
6. Provides an acceptable warranty

Installation and Implementation

Provides for the complete installation and implementation of the telematics hardware and system within six (6) months of contract execution

System Capability and Data Reporting Requirements

1. Ability to provide real-time GPS tracking, service and detailed reporting and alerts, including:
    a. Trips Taken
    b. Miles Driven
    c. Miles Per Trip
    d. Location of Vehicle and Next Closest Vehicle
    e. Equipment Movements
    f. Geo-Fence Violation
    g. Roadside Assistance
2. Ability to provide real-time vehicle control, detailed reporting and alerts, including:
    a. Definable Vehicle Speed Limits
    b. Definable Vehicle Operating Time Limits
    c. Speeding Violations (Threshold And Posted Speed Limit)
    d. Idle Time and Idle Time in Excess of Definable Limit
    e. Unit Power Loss and Tampering
    f. Vehicle Sensors
    g. Safety Belt Utilization
    h. Vehicle Work Time
    i. Beginning/End of Day and Odd Hours of Operation
    j. Hard Braking/Acceleration
    k. Fuel Usage and MPG by Make, Model, Agency, Year
    l. Odometer Readings and Engine Hours
    m. Greenhouse Gas Emissions

    n. Vehicle Utilization and Activity
    o. PM Tracking and Scheduling
3. Ability to provide active diagnostic codes, engine faults and detailed reporting and alerts, including:
    a. Exhaust Gas Recirculation System (EGR)
    b. Catalyst Comprehensive Component
    c. Evaporative System
    d. Fuel System
    e. Oxygen Sensors
    f. Secondary Air Systems
    g. Misfire
    h. Emission Status
    i. Engine Speed
    j. Coolant Temperature
    k. Intake Air Temperature
4. Provides for the centralized state ownership and storage of data
5. Ability to interface with the State of Indiana Asset Works Fleet Focus (M5) and Wright Express Fuel Administration (WEX) systems to collect/input the following data:
    a. Daily Odometer readings
    b. Engine fault codes
    c. Manufacturer recalls coming from the National Highway Traffic Safety Administration
    d. Fuel Purchases
    e. Track individual fuel performance by vehicle
    f. Analyze fuel consumption patterns
        i. Ability to manage entire fuel process from one website

Software Requirements

1. Provides web based program access that requires no software installation to state computers
2. Provides continual program updates through the web without service interruption
3. Provides the administrative ability to include unlimited users, unlimited grouping hierarchy, unlimited geo-fences and landmarks, and methods to group vehicles outside of the normal grouping hierarchy

Training and Service Requirements

1. Provides ongoing training and administrative support
2. Provides for the availability of customer service and support 24 hours a day, 7 days a week
3. Provides guidance and analysis to establish baseline and attainable KPIs that will achieve a savings of 10% or more through the reduction of speed, idle time and fuel consumption
4. Provides guidance and analysis in the collection of data for the purpose of establishing an initial baseline of average fleet speeds